

FOOTED" 02550350

FIG. 1A-1

Murine	TREX	1	MTGYTMLRNGGVENGQTCMLRWSNRIRLTWLSFTLF	ILVFFPLIAHYLTTLDEADEA
Human	TREX	1	MTGYTMLRNGGAGNGQTCMLRWSNRIRLTWLSFTLF	ILVFFPLIAHYLTTLDEADEA
Murine	TREX	61	GKRIFGPRA[SE]LCEVKHVLDLCRIR[SE]SVSEELLQLEAKRQELN[SE]IAKLNK[SE]EACKKS	
Human	TREX	61	GKRIFGP[RV]GNELCEVKHVLDLCRIR[SE]SVSEELLQLEAKRQELN[SE]IAKLNK[SE]EACKKS	
Murine	TREX	121	ENAKQD[LL]QLKNV[IS]QTEHSYKELMAQNPKLSLPIRLLP[SE]KDDAGLPPPKVTRGCR LH	
Human	TREX	121	ENAKQD[LL]QLKNV[IS]QTEHSYKELMAQNPKLSLPIRLLP[SE]KDDAGLPPPKATRGCR LH	
Murine	TREX	181	NCFDYSRCPLTSGFPVYVDS[Q]FAGSYLDPLVKQAFQAT[RV]RANVYVTENAD[IA]CLYV	
Human	TREX	181	NCFDYSRCPLTSGFPVYVDS[Q]FAGSYLDPLVKQAFQAT[RV]RANVYVTENAD[IA]CLYVI	
Murine	TREX	241	LVGEMQEP[IV]LRPADLEKQ[LF]SLPHWRTDGHNHVIINLSRKSDTQNLLYNVSTGRH-VAQ	
Human	TREX	241	LVGEMQEP[IV]LRPAELEKQ[LF]SLPHWRTDGHNHVIINLSRKSDTQNLLYNVSTGRAMVAQ	
Murine	TREX	300	STL[AA]QYRAGFDLVVSPLVHAMSEPNFMEIPPQVPVKRKYLFTFQGEKIESLRSSLQEA	
Human	TREX	301	STFY[TV]QYRPGFDLVVSPLVHAMSEPNFMEIPPQVPVKRKYLFTFQGEKIESLRSSLQEA	
Murine	TREX	360	RSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCKNQPKPSLPTEWALCGERED	
Human	TREX	361	RSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCKNQPKPSLPTEWALCGERED	
Murine	TREX	420	RLELLKLSTFALIITPGDPRLLTSSGCATRLFEALEVGAVPVVLGEQVQLPYHMLQWNE	
Human	TREX	421	RLELLKLSTFALIITPGDPRLLTSSGCATRLFEALEVGAVPVVLGEQVQLPYHMLQWNE	
Murine	TREX	460	AALVVPKPRVTEVHFLLRSLSDSLLAMRRQGRFLWET[VF]STADSI[FNTV]LAMIRTRIQI	
Human	TREX	481	AALVVPKPRVTEVHFLLRSLSDSLLAMRRQGRFLWET[VF]STADSI[FNTV]LAMIRTRIQI	

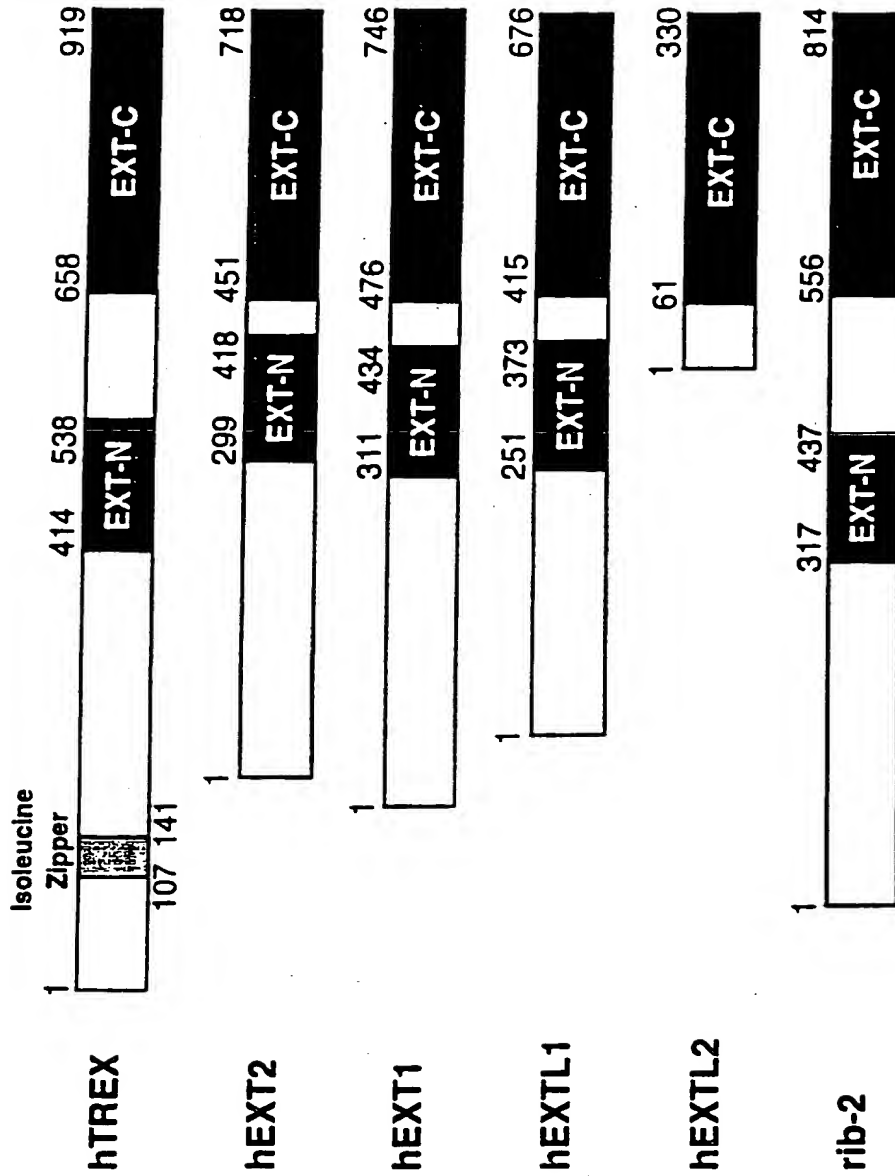
TESTED " 02660360

FIG. 1A-2

Murine	TREX	540	PAAPIREEVAAEIPHRSGKAAGTDPNMADNGDLDLGPVETETPPYASPKYLRNFTLTVTDC
Human	TREX	541	PAAPIREEAAAEIPHRSGKAAGTDPNMADNGDLDLGPVETETPPYASPKYLRNFTLTVTDF
Murine	TREX	600	YRGWNSAPGPFHLPHTPPDPVLPSEAKFLGSGTGFRPIGGAGGSGKEFQAALGGNVQR
Human	TREX	601	YRSWNCAPGPFHLPHTPPDPVLPSEAKFLGSGTGFRPIGGAGGSGKEFQAALGGNVPR
Murine	TREX	660	EQFTVVMLTYEREVLNLSLERLNGLPYLKVVVVWNSPKLPSEDLLWPDIGVPIMVVRT
Human	TREX	661	EQFTVVMLTYEREVLNLSLERLNGLPYLKVVVVWNSPKLPSEDLLWPDIGVPIMVVRT
Murine	TREX	720	EKNSLNNRFLPWNEIETEAILSIDDDAHLRHDEIMFGFVWREARDRIVGFPGRYHAWDI
Human	TREX	721	EKNSLNNRFLPWNEIETEAILSIDDDAHLRHDEIMFGFVWREARDRIVGFPGRYHAWDI
Murine	TREX	780	PHQSWLYNSNYSCELSMVLTGAAFFHKYAYLYSYVMPQAIKRDMDVEYINCEDIAMNFLV
Human	TREX	781	PHQSWLYNSNYSCELSMVLTGAAFFHKYAYLYSYVMPQAIKRDMDVEYINCEDIAMNFLV
Murine	TREX	840	SHITRKPPPIKVTSRWTFRCPCGCPQALSHDDSHFHERHKCINFFVKVGYGMPPLLYTQFRVD
Human	TREX	841	SHITRKPPPIKVTSRWTFRCPCGCPQALSHDDSHFHERHKCINFFVKVGYGMPPLLYTQFRVD
Murine	TREX	900	SVLFKTRLPDHDKTKCFKI
Human	TREX	901	SVLFKTRLPDHDKTKCFKI

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FIG. 1B



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FIG. 1C

hTREX	414	LGGE-----REDRLKLSHAIITPGDPRIVSSQCATRLEFEAEVGAVPWVLGEQVQLRYQDMLO
hEXT2	299	RCHK-----HQVFYPQVQERTEGVVL--RGARL---GQA-VLSDVLQAGCVPWVIADSYILPFSEVLD
hEXT1	311	RGDRDNTYEKYDYREMHNAITFGIVP--RGRRI---GSF-RFIEALQAGCVPWVIADSYILPFSEVLD
hEXTL1	251	RGEQDPGPGQT-QROETIPNATECHIS--GHRPE---AAS-RFIEALQAGCVPWVIADSYILPFSEVLD
rib-2	317	KGSQENCSLERR-N-QLIGSSVPG-----FILPSEMFFQDFHSSQLGCIPIIISNSQLPPODLLE
hTREX	478	WNEALIVVEKPRVTEHFLRLSDSDLEAMRRRCGRLEWETPTADSTFNTVTAMTRTH
hEXT2	358	WKRASVWVPEEKMSDVYSILQSIQROTEEMORCARWFWEAVFQSIKAKALATQIENDRI
hEXT1	374	WNOANVIGDERLLQIPSTIRSIHQDKETLQOQTOLNEARSSVEKIVLITHEITODRI
hEXTL1	313	WTKRAIVADERLPLQVLAALQEMSPARVRLQOQTOLNEARSSVEKIVLITHEITODRI
rib-2	377	WRRRTYRLRLARLPEAHFIVQFEISDIEKRAVGNLIFYETLADRHLLARSLSLAALRYKL

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FIG. 1D

hTREX	658	VPREQIVMMLT	VEREEVINSERLNGLE	VNVMNNSP	PLPSEDLLWEDI	GVHIMVRTEK
hEXT2	451	POSQGTAVIVEI	KORVESFRVITEVSKVPS	SKLLVMNNON	KNPEDSLWPKI	RVPLKAVRTAE
hEXT1	476	PPSKFTAVIHA	VTPLVSQSPVET	VAAAKSQCAQI	IVLWNC	KPLPAKRWPA
hEXTL1	415	PEGRFSA	LIWVGPP	GQPPKLI	QAVAGSQHCAQI	LLASNE-RPLPS--RWE--TAVPLTVIDGHR
hEXTL2	61	STMDSE	RLIMQI	NRITDL	LEKLENHYQAV	NEHVKVVMNN
rib-2	556	RQREQIVMMLT	VERDAVITGAL	ERLHQL	ENITVMNNV	NRDRPD-SWPSL--HIPVEFIRVAE
hTREX	723	NSENNRR	LPWNEETEA	ILSI	DDI-AHHRHD	IMGGRWRE
hEXT2	517	NKLSNR	FRVDE	ETEXVIA	IOBIIIMTSD	LOAGYEWRE
hEXT1	544	KVMSSR	HLBNDN	IIIDAV	SEIEIV	VSUTVDRA
hEXTL1	477	KVSDR	AYEST	RIIDA	IESD	ARSS--SSVD
hEXTL2	129	NRMRNR	LQVFP	PELE	INAVIMV	DDITL--ISTPDL
rib-2	620	NNMNR	AVWDR	WEAV	ESLDDI	IDIMQOIIL
hTREX	791	YS--CPL	SMVLTGA	ARFH	--KQAV	MYSAV
hEXT2	586	W--TNEV	SMVLTGA	APYH	--KMFN	LYTK
hEXT1	612	W--TNDY	SMVLTGA	AIMH	--KQCH	LYSHYL
hEXTL1	544	R--TNEF	SMVLTGA	AYH	--RQHT	IFHSL
hEXTL2	201	GSGNGDQY	SMVLTGA	SEFNS	KULE--LFO	--RQPA
rib-2	686	HT--COM	SMVLTGA	SEFNS	KULE--LFO	--RQPA
hTREX	859	CRGG--	POAL	S--HDS	HEH	HK
hEXT2	654	CECTA	IDGES--	LQTH	MYR	SE
hEXT1	680	ETMGQTS	RAS--	RWAD	PD	HEA
hEXTL1	612	EAAPL	APCG	PPR	KPP--	APAD
hEXTL2	272	-LEKETNS	QYSG	GMW	RAE	HAL
rib-2	754	CTC--	TES	LY--	KEG	TH

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FIG. 1E-1

Human

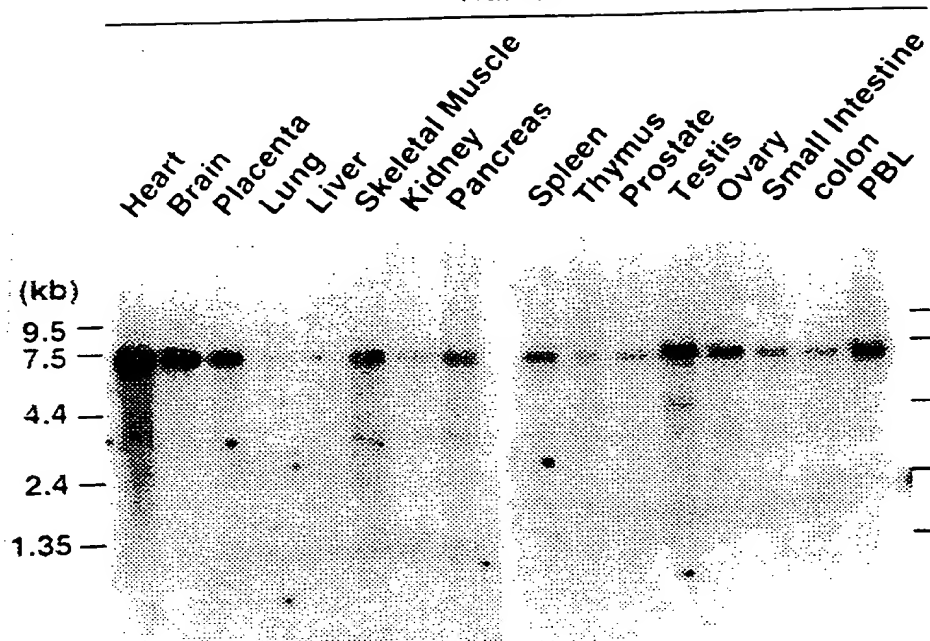


FIG. 1E-2

Mouse

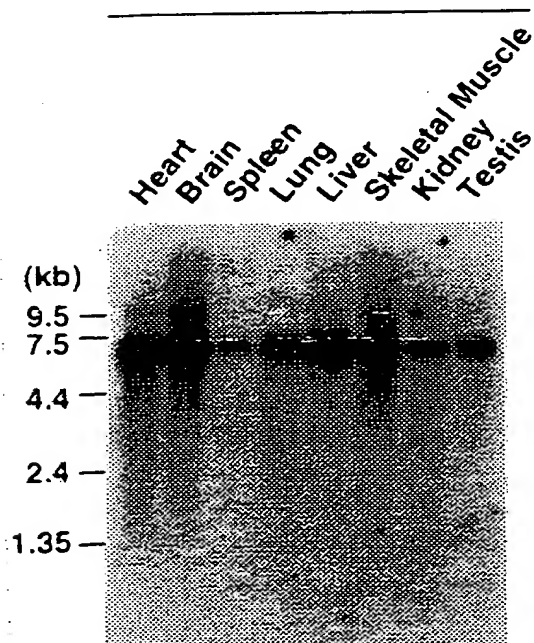
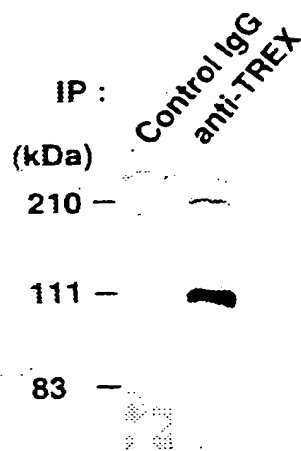


FIG. 1F



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FIG. 2A *In vivo* binding

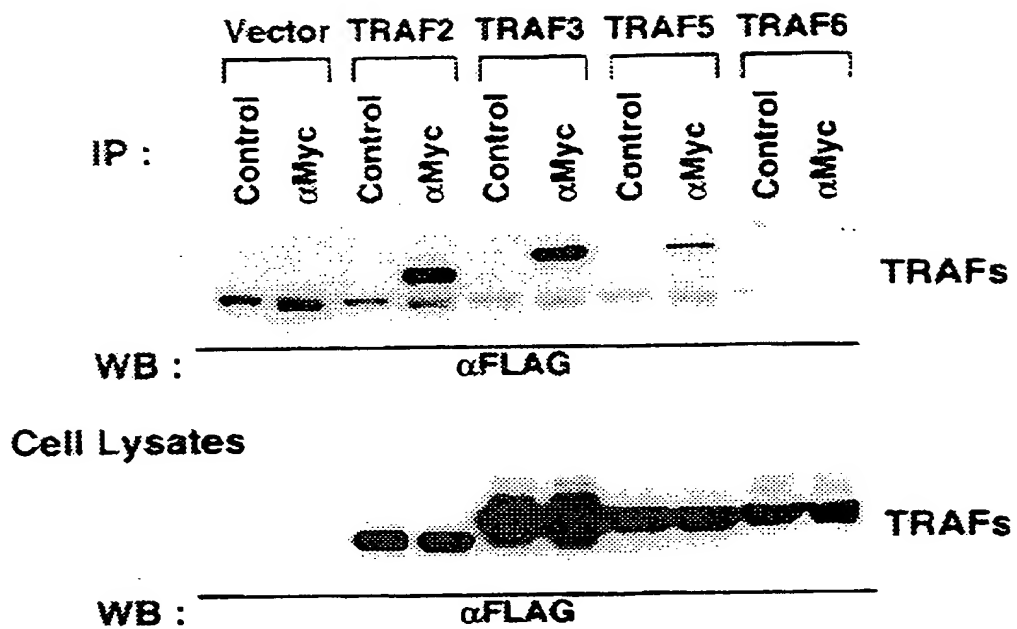
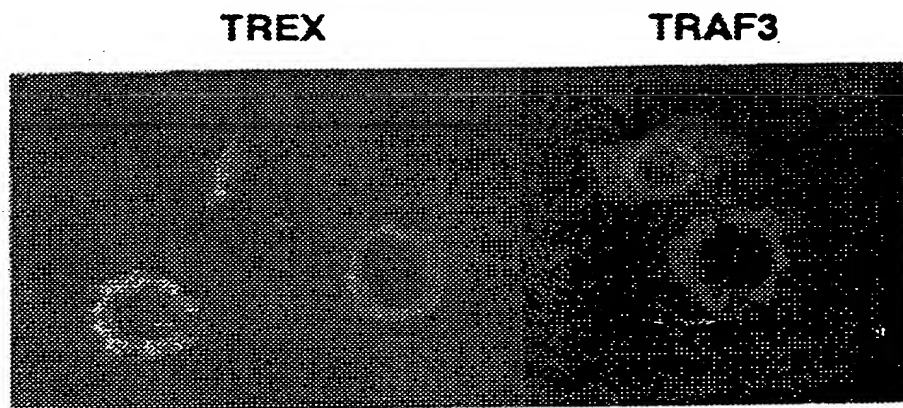
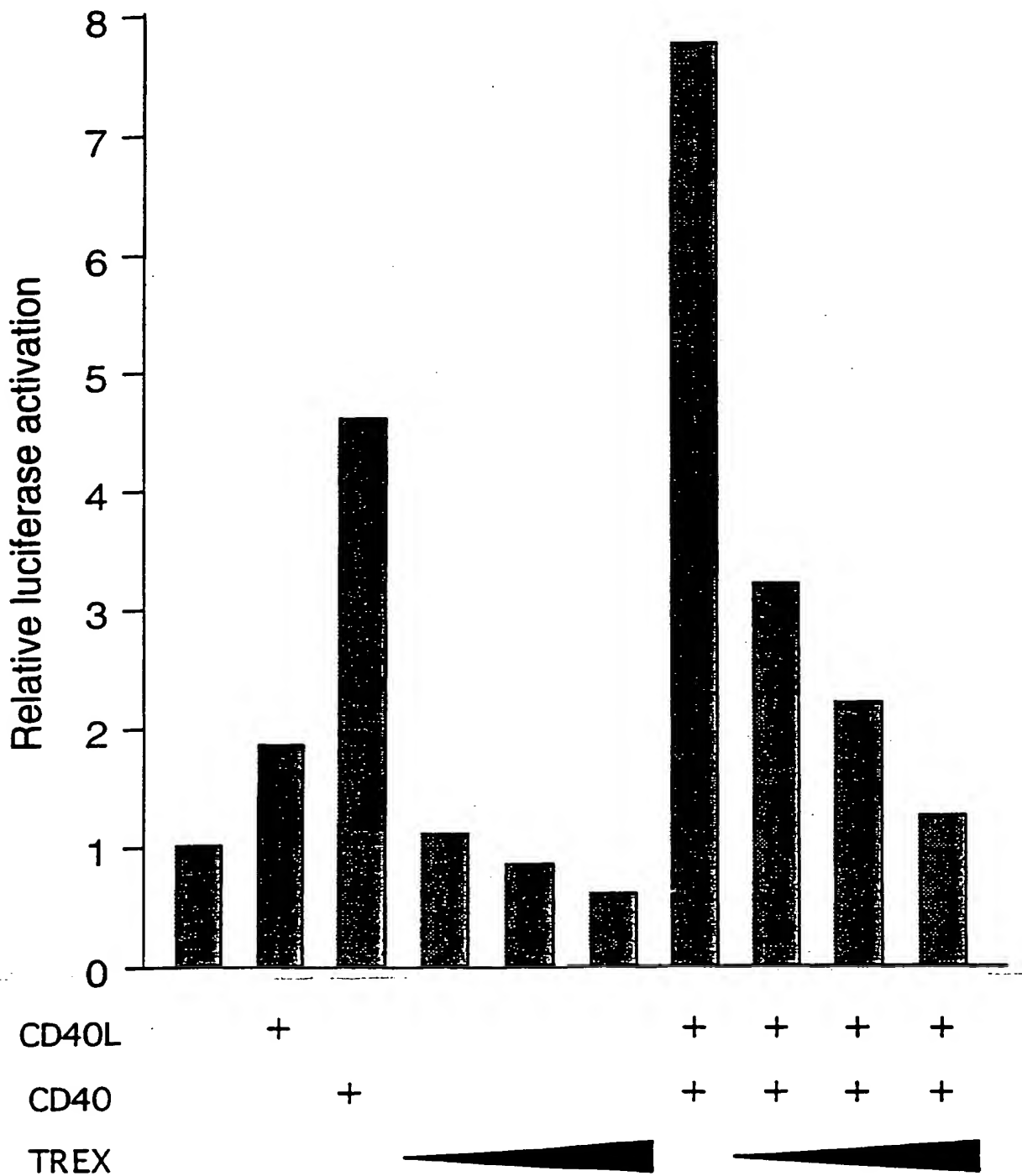


FIG. 2B



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FIG. 3



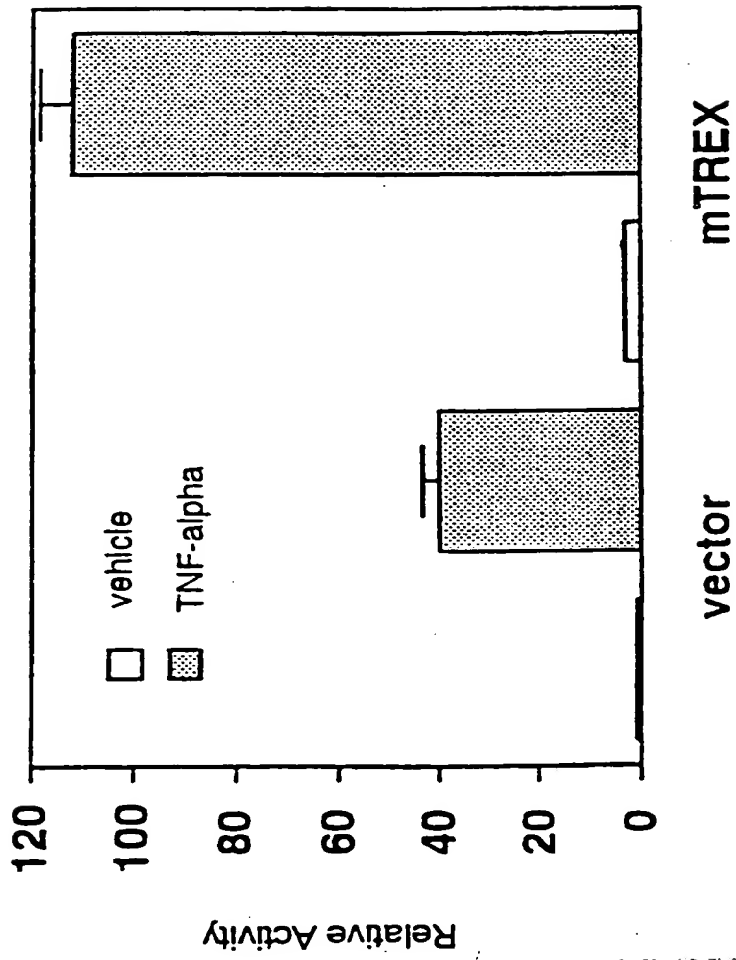
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FIG. 4

Effect of mTREX on TNF-alpha-induced
NF-kappaB activation in HEK 293 cells



n=3 980707

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FIG. 5B



FIG. 5A

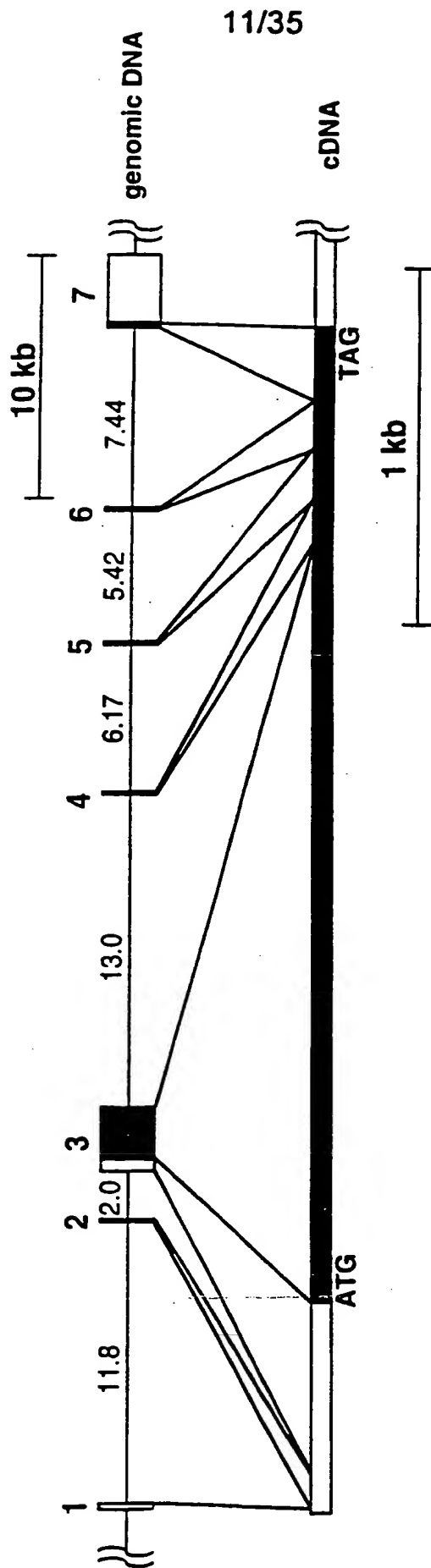


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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DR. TS MAN		

FIG. 6



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 7A-1

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cctgatcggt	ggtagtggca	tggaggacgg	ggctggcatt	tcagactgcc	agctgttttt
accagccgct	gcatcacttg	aatagaagct	atgcatattg	gctggccgac	aaagccaagg
gacaaaagct	atggccgtta	aaatgggtccc	tctgagtcca	gggctctttc	cctggcctttt
agcaccatgg	atctcttcc	tttcatecca	tcagcaatgt	ggtaccttct	tctacttgat
gatgacagct	gatacttcag	atttgccctga	ctaagggttag	aaacctgaat	cgctgtgagg
aagatgaaat	ttccatttta	cttgggtgcct	tgtgcaggga	gcacactgat	ccttccagaa
acttgtgtgt	gaaaagaggt	tgcgttttgt	cagacagact	catggttatg	gcgagcgatc
cgacgtgatc	agagtgggca	agaggcacag	cgaactcatg	acaggctata	ccatgttgcg
gaatggggga	gtggggaacg	gtgggtcagac	ctgtatgctg	cgctgggtcca	atcgcatccg
gctgacatgg	ctgagtttca	cgctgttcat	catcctcgtc	ttcttcccc	tcattgctca
ctattacctc	accactctgg	acgaggcaga	cgaggctggc	aagcgcatct	tcggccctcg
ggctggcagt	gagctctgtg	aggtaaagca	tgtccttgat	ctctgtcgga	ttcgtgagtc
tgtgagcgaa	gagcttctac	agctcgaagc	caagcggcag	gagctgaaca	gcgagattgc
caagctgaac	ctcaagattg	aagcctgtaa	gaagagcata	gagaatgcca	agcaggacct
gctgcagctc	aagaatgtca	ttagccagac	agagcactcc	tacaaggagc	tgatggccca
gaaccagccc	aaactgtccc	tgcccatccg	actgctccct	gagaaggacg	atgccggcct
tcaccccc	aaggtcactc	gggggttgccg	ccttcacaac	tgctttgatt	actctcgttg
tctctgacg	tctggctttc	ccgtctacgt	ctatgacagt	gaccagtttg	cctttgggag
ctacctggac	cctttgggtca	agcaggcttt	tcagggtaca	gtgagagcca	acgtttatgt
tacagaaaat	gcggccatcg	cctgcctgta	tgtgggtgta	gtgggagaaa	tgcaagagcc
cactgtgctg	cggcctgccc	accttgaaaa	gcagctgttt	tctctgccac	actggaggac
agatggggcac	aaccacgtca	ttatcaacct	gtcccgggaag	tcagacacac	agaatctact
gtacaacgtc	agtacaggcc	gccatgtggc	ccagtccacc	ctctatgctg	cccagtacag
agctggcctt	gacctgggtcg	tgtcacccct	tgtccatget	atgtctgaac	ccaacttcat
ggaaatccca	ccgcaggtgc	cagttaagcg	gaaatatctc	ttcactttcc	agggcgagaa
gatcgagtct	ctgagatcta	gccttcagga	ggcccgttcc	ttcgaggaag	agatggaggg
cgaccctccg	gccgactatg	acgatcgcat	cattgccacc	ctaaaggctg	tacaggacag

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRA* TSMAN		

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FIG. 7A-2

caagctggat	caggtgctgg	tagaattcac	ttgcaaaaac	cagccgaagc	ctagcctgcc
gactgagtgg	gcactgtgtg	gggagcgga	agaccgcctg	gagttactga	agctctccac
cttcgccctc	atcatcactc	ccggggaccc	gcgcctgctc	atttcactctg	ggtgtgccac
gcggctcttc	gaggccctgg	aggtgggggc	cgtgccgggtg	gtgctcgggg	agcaggtgca
gctcccgtac	cacgacatgc	tgcagtggaa	cgaggccgcc	ctggtggtgc	ccaagcctcg
cgtcacagag	gtccacttcc	tgttacgaag	tcttccagac	agtgatctgt	tggccatgag
gcggcaaggc	cgctttctct	gggagaccta	cttctccacc	gcagacagta	ttttaataac
cgtgctggcc	atgattagga	ctcgaattca	gatcccagct	gctcccatcc	gggaagaggt
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caatggggac	ctggacctgg	ggccggtaga	gacagaacca	ccctatgcct	cacctaaata
cctccgcaat	ttcactctga	ctgtcacaga	ctgttaccgt	ggctggaact	ctgccccggg
acggttccat	ctttttcccc	acacaccctt	tgatcctgtg	ttgccctctg	aggccaaatt
cttgggctca	gggactggat	ttcggccgat	cggtgccggg	gctgggggct	ctggcaagga
gttccaggca	gcgctcggag	gcaatgtcca	gcgggagcag	ttcacagttg	tgatgctgac
ctacgagcgg	gaggaagtgc	tcatgaactc	cctggagaga	ctcaacggcc	tccccctac
gaacaaggta	gtggtggtgt	ggaactctcc	caagctgccc	tcggaggacc	ttttgtggcc
agacattggt	gtccccatca	tggtcgtccg	tactgagaag	aacagtttga	acaatcggtt
cttgccctgg	aatgagattg	agacagaggc	catactgtcc	atcgacgatg	atgctcacct
ccgccatgat	gaaatcatgt	ttgggttttg	ggtgtggaga	gaagcacgtg	atcgcatgtg
gggtttccct	ggccggtacc	atgcgtggga	catccccgac	cagtcctggc	tctacaattc
caactactcc	tgtgagctgt	ccatggtgct	gacgggcgct	gccttctttc	acaagtatta
tgccctacctg	tattcttatg	tgatgcccc	ggccatccgg	gacatggtgg	acgagtacat
caactgtgag	gatatcgcca	tgaacttcc	tgtctccac	atcacacgga	aaccccccat
caaggtgaca	tcaaggtgga	cttttcgatg	cccagggtgc	cctcaggccc	tgtcccatga
tgactctcat	tttcacgagc	ggcacaagtg	tatcaacttt	tttgtcaagg	tgtacggcta
tatgcctctc	ttgtacacac	agttcagggt	ggactccgtg	ctcttcaaga	cccgccctgc
ccatgacaag	accaagtgtc	tcaagttcat	ctagggcctt	gcagttctga	ggagacaatg
agcagagcga	gggggagtca	ccctcaagg	tccaagggtg	tcgaaggtcc	ttggggacat
ctgtcgggca	gggccaagac	cctttgctgg	gagaggcagc	aggaagagtg	gaaagggata
gctgtctttc	attttgaagt	cagccacact	gggcctggga	tcctggtcag	agactcaggn
cgtctgcaca	gggcactgac	tgatagcgaa	cactgaggac	tgttcataag	cccaggaca

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 7B-3

1510 1520 1530 1540 1550 1560
 gatcgagtcctctgagatctagccttcaggaggcccggttccttcgaggaagagatggaggg
 I E S L R S S L Q E A R S F E E E M E G

1570 1580 1590 1600 1610 1620
 cgaccctccggccgactatgacgatcgcatcattgccaccctaaaggctgtacaggacag
 D P P A D Y D D R I I A T L K A V Q D S

1630 1640 1650 1660 1670 1680
 caagctggatcagggtgctggtagaattcacttgcaaaaaccagccgaagcctagcctgcc
 K L D Q V L V E F T C K N Q P K P S L P

1690 1700 1710 1720 1730 1740
 gactgagtggggcaactgtgtggggagcggaagaccgcctggagttactgaagctctccac
 T E W A L C G E R E D R L E L L K L S T

1750 1760 1770 1780 1790 1800
 cttcgccctcatcatcactccccggggaccgcgcctgctcatttcattctgggtgtgccac
 F A L I I T P G D P R L L I S S G C A T

1810 1820 1830 1840 1850 1860
 gcgggtcttcgaggccctggaggtggggggccgtgccggtggtgctcggggagcaggtgca
 R L F E A L E V G A V P V V L G E Q V Q

1870 1880 1890 1900 1910 1920
 gctcccggtaccacgacatgctgcagtggaaacgaggccgcctggtggtgcccgaagcctcg
 L P Y H D M L Q W N E A A L V V P K P R

1930 1940 1950 1960 1970 1980
 cgtcacagaggtccacttctgttacgaagtctttcagacagtgatctgttggccatgag
 V T E V H F L L R S L S D S D L L A M R

1990 2000 2010 2020 2030 2040
 gcgggaaggccgctttctctgaggagacctacttctccaccgcagacagtatttttaatac
 R Q G R F L W E T Y F S T A D S I F N T

2050 2060 2070 2080 2090 2100
 cgtgctggccatgattaggactcgaattcagatcccagctgctcccatccgggaagaggt
 V L A M I R T R I Q I P A A P I R E E V

2110 2120 2130 2140 2150 2160
 agcggctgagatcccccatcggttcaggcgaagcagctggaactgaccccaacatggctga
 A A E I P H R S G K A A G T D P N M A D

2170 2180 2190 2200 2210 2220
 caatggggacctggacctggggccggtagagacagaaccaccctatgcctcactaaata
 N G D L D L G P V E T E P P Y A S F K Y

2230 2240 2250 2260 2270 2280
 cctccgcaatttcactctgactgtcacagactgttacgctgggtggaactctgccccggg
 L R N F T L T V T D C Y R G W N S A P G

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 7B-4

2290 2300 2310 2320 2330 2340
acggttccatctttttcccccacacaccctttgatccctgtgttgcctctgaggccaaatt
R F H L F P H T P F D P V L P S E A K F

2350 2360 2370 2380 2390 2400
cttgggctcagggactggatttcggccgatcggcggggctgggggctctggcaagga
L G S G T G F R P I G G G A G G S G K E

2410 2420 2430 2440 2450 2460
gttcaggcagcgctcggaggcaatgtccagcgggagcagttcacagttgtgatgctgac
F Q A A L G G N V Q R E Q F T V V M L T

2470 2480 2490 2500 2510 2520
ctacgagcgggaggaagtgtcatgaactccctggagagactcaacggcctcccctacct
Y E R E E V L M N S L E R L N G L P Y L

2530 2540 2550 2560 2570 2580
gaacaaggtagtggtgtgtggaactctcccaagctgccctcggaggaccttttgtggcc
N K V V V V W N S P K L P S E D L L W P

2590 2600 2610 2620 2630 2640
agacattggtgtccccatcatggctcgtccgtactgagaagaacagtttgaacaatcggtt
D I G V P I M V V R T E K N S L N N R F

2650 2660 2670 2680 2690 2700
cttgccctggaatgagattgagacagaggccatactgtccatcgacgatgatgctcacct
L P W N E I E T E A I L S I D D D A H L

2710 2720 2730 2740 2750 2760
ccgccatgatgaaatcatgtttgggttttgggtgtggagagaagcacgtgatcgcatgtt
R H D E I M F G F W V W R E A R D R I V

2770 2780 2790 2800 2810 2820
gggtttccctggcgggtaccatgcgtgggacatcccgcaccagtcctggctctacaattc
G F P G R Y H A W D I P H Q S W L Y N S

2830 2840 2850 2860 2870 2880
caactactcctgtgagctgtccatgggtgctgacgggcgctgccttctttcacaagtatta
N Y S C E L S M V L T G A A F F H K Y Y

2890 2900 2910 2920 2930 2940
tgcctacctgtattcttatgtgatgccccaggccatccgggacatggtggacgagtacat
A Y L Y S Y V M P Q A I R D M V D E Y I

2950 2960 2970 2980 2990 3000
caactgtgaggatatacgccatgaacttccttgtctcccatcacacggaaaccccccat
N C E D I A M N F L V S H I T R K P P I

3010 3020 3030 3040 3050 3060
caaggtgacatcaagggtggacttttcgatgcccagggtgccctcaggccctgtcccatga
K V T S R W T F R C P G C P Q A L S H D

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APPROVED	O.G. FIG.	
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FIG. 8A-1

ggcggggtccc	tgagctggaa	gccggagagc	aagccctgga	ggttcactct	ttcaagaagt
cgtgtgctga	ggtgtaatgc	tacacaagtc	agaggaagga	agggtcctga	aacacatggc
ctgattgttg	gcaaaggcat	cataagaagc	tggcatttat	ttctgttcta	acctattact
gtataactgt	gaatagacac	tatgcatatt	tgttgggtcag	caaaaccaag	aaacaagagc
tatggcattt	gaaaaagtct	gtctgattcc	agggtgtttt	tcctgggttt	catcatcagg
tacctcctcc	ctttcatctc	agcaagaatg	tggcaccttt	tatcgtttga	taaagattaa
ggacatgttc	tttgggtcaac	agccagaact	taaaatctgc	tggaataggg	tcagagacca
tttcagctgc	agctgaggaa	aatgaaatgt	tcattttatt	tgggtgcctg	tctggggagc
acactaactc	ttctggaaac	gtgtcagtga	aacagagatc	gttttgtgga	atagcaaccc
atggttatgg	cgagtgacct	gacgtgatct	ggggggcagg	ctgcagagga	ctcatgacag
gctataccat	gctgcggaat	ggggggcgcg	ggaacggagg	tcagacctgc	atgctgcgct
ggtccaaccg	catccgcctc	acgtgggtca	gcttcacgct	ctttgtcatc	ctggtcttct
tcccgtcat	cgcccaactat	tacctcacca	ctctggatga	ggctgatgag	gcaggcaagc
ggatttttgg	tccccgggtg	gggaacgagc	tgtgcgaggt	gaagcacgtg	ctggatctgt
gccgcacccg	ggagtcgggtg	agtgaagagc	tcctgcagct	ggaggccaag	cgccaagagc
tgaacagcga	gatcgccaag	ctgaatctga	agatcgaagc	ctgtaagaag	agcattgaga
acgccaagca	ggacctgctc	cagctcaaga	atgtcatcag	ccagaccgag	cattcctaca
aggagctcat	ggcccagAAC	cagcccaagc	tgtccctgcc	catccgactg	ctcccagaga
aggacgatgc	cggcctccct	cccccgagg	ccactcgggg	ctgccggcta	cacaactgct
ttgattattc	tcgttgccct	ctcacctctg	gcttcccggg	ctacgtctat	gacagtgacc
agtttgtctt	tggcagctac	ctggatccct	tgggtcaagca	ggcttttcag	gcgacagcac
gagctaacgt	ttatgttaca	gaaaatgcag	acatcgctg	cctttacgtg	atactagtgg
gagagatgca	ggagcccgtg	gtgctgcggc	ctgctgagct	ggagaagcag	ttgtattccc
tgccacactg	gcggacggat	ggacacaacc	atgtcatcat	caatctgtca	cgtaagtcag
atacacagaa	ccttctctat	aacgtcagta	ctggccgtgc	catgggtggc	cagtccacct
tctacactgt	ccagtacaga	cctggctttg	acttggctcg	atcaccgctg	gtccatgcca
tgtctgagcc	caacttcatg	gaaatccac	cacaggtgcc	ggtgaagcgg	aaatatctct
tcaccttcca	gggcgagaag	attgagtctc	tgagggtctag	ccttcaggag	gcccgtcctc
tcgaagagga	aatggagggc	gaccctcccc	ccgactacga	tgaccggatc	attgccaccc
tgaaggcggt	gcaggacagc	aagctggatc	aggtcctggg	ggaattcacc	tgcaaaaacc

05809990 - 031601

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8A-2

09309920 "031601

agcccaaacc	cagcctgccg	actgagtggg	cactgtgtgg	agagcgggag	gaccgcttgg
aattgctgaa	gctctccacc	ttcgccctca	tcattacccc	cggggaccct	cgcttggtta
tttctctctg	gtgtgcaaca	cggctcttcg	aagccctgga	agtcggtgcc	gtcccgggtg
tgctggggga	gcaggtccag	cttccctacc	aggacatgct	gcagtgggaa	gaggcggccc
tggtggtgcc	aaagcctcgt	gttaccgagg	ttcatttcct	gctcagaagc	ctctccgata
gtgacctcct	ggctatgagg	cggcaaggcc	gctttctctg	ggagacttac	ttctccactg
ctgacagtat	ttttaatacc	gtgctggcta	tgattaggac	tcgcatccag	atcccagccg
ctcccatccg	ggaagaggcg	gcagctgaga	tccccaccg	ttcagggaag	gcggttgtaa
ctgaccccaa	catggctgac	aacggggacc	tggacctggg	gccagtggag	acggagccgc
cctacgcctc	acccagatac	ctccgcaatt	tcactctgac	tgctactgac	ttttaccgca
gctggaactg	tgctccaggg	cctttccatc	ttttccccc	cactcccttt	gaccctgtgt
tgccctcaga	ggccaaattc	ttgggctcag	ggactggctt	tcggcctatt	ggtggtggag
ctgggggttc	tggcaaggaa	tttcaggcag	cgcttgagg	caatgttccc	cgagagcagt
tcacggtggt	gatgttgact	tatgagcggg	aggaagtgct	tatgaactct	ttagagaggc
tgaatggcct	cccttacctg	aacaaggctg	tgggtgtgtg	gaattctccc	aagctgccat
cagaggacct	tctgtggcct	gacattggcg	ttcccatcat	ggtggtccgt	actgagaaga
acagtttgaa	caaccgattc	ttaccctgga	atgaaattga	gacagaggcc	atcctgtcca
ttgatgacga	tgctcacctc	cgccatgacg	aaatcatgtt	tgggttccgg	gtgtggagag
aagctcggga	ccgcacgtg	ggcttccctg	gccgttacca	cgcattgggac	atcccccatc
agtctgggct	ctacaactcc	aactactcct	gtgagctgtc	catggtgctg	acaggtgctg
ccttctttca	caagtattat	gcctacctgt	attcttatgt	gatgccccag	gccatccggg
acatggtgga	tgaatacatc	aactgtgagg	acattgccat	gaacttccct	gtctcccaca
tcactcggaa	gccccccatc	aaggtgacct	cacggtggac	attccgatgc	ccaggatgcc
ctcaggccct	gtctcatgat	gactcccact	tccacgagcg	gcacaagtgc	atcaacttct
tcgtgaagg	gtacggctac	atgccccctc	tgtacacgca	gttcaggggtg	gattctgtgc
tcttcaagac	acgcctgccc	catgacaaga	ccaagtgcct	caagttcatc	taggggcagc
gcacggtctg	gggaagagga	tgagcagagg	gaggaagatg	gctcccaagg	ttcctaggca
ttgcaggacc	ttgggcacat	ctgctgggtg	gtggcccaga	gcctctgctg	gaaggggcag
caggaggagt	ggaaggaaac	cgctgccttt	atcttgaagt	cagccacact	gggcctggag
ccctgggcgg	agtccccggg	gttccccaca	cagggcactg	actgatagct	tacactgagg
actgtggcga	ctctgcagag	tcactcacac	cgttcgtacg	cccaggacag	ctggttcgtg
gtttttacat	tcaataacaa	ctattatgat	tatttaaaaa	gagaaagttt	cagatttgcc
attcaaggct	tatttatata	tatgtgtgtg	tatataaata	catgcacaca	cttgcataca

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8A-3

tatatat	ttggt	agtgt	ttgcct	aaggg	ccgcgc
ttt	tgatt	cggag	tcctg	gtgtc	cttat
aagat	cccat	ccagc	ctgtg	caacc	gggat
tggt	ggtgg	acaag	ttcct	tttct	cagtc
cctgt	acatt	cccag	ccctg	gcctg	ggtgg
tcagc	gctgt	ccagc	ttgag	atctt	caggc
tcctg	tcctg	cccatt	tctgt	gagag	ggaag
agtga	aatag	gaagac	ctccc	gctct	tcctg
ctgtt	acacg	tggtg	gcgtt	agtgt	cttgg
acagg	agcag	acatc	tggtc	tggtt	gtcag
tctcc	gtagag	ccagt	tcgag	caccc	gccgg
tttac	ggcgc	ttggg	tcctt	aattc	ccccc
ctgtc	ccccat	tgttat	ggttt	cccct	cagct
gtagg	ccgag	gtatg	gaaca	aggct	ttgct
agctc	cagcc	atcta	cattc	ccgag	acttt
ccctg	gattc	cctgg	aactg	agcta	ttggg
gtggc	gggaac	gaggg	gtggc	tcagg	agccc
gtgtt	aaccct	tctgg	gagtt	tggaag	ctagc
aacaa	caggt	ctggt	acatg	agccag	gtctt
gacct	tcctg	ctatt	gaata	tcctc	tgctg
acgtg	tcttc	ctgtt	gctgg	tttgt	tccac
ctgtg	agctc	aaggg	tcccc	caaac	ccggc
ccagg	gtttc	gttcc	cccaa	gcata	gtagt
tgctg	gtgtg	gttcc	gtggg	gacgc	ctcag
tctag	ctctac	ctcct	gtatt	tagca	cttct
cgggg	aagag	tgtgt	tatat	ctgct	atctg
tttta	aggaac	atact	cagtg	cggtg	gggcc
tgtgg	ccccct	cggga	tgagt	ccgtc	ggtgg
gggct	ctttag	gccag	cggtg	atgtc	tggat
aaggg	tggtc	ccaaa	ccgcg	ggctg	ccggt
caaca	agccct	gacct	ggaac	cttga	tgcac
ctctg	cacgc	tcagc	gcagc	ggcac	tcact
ggtgc	accac	agccg	ctgtg	cttgag	gaaag
ccacag	cgggt	tggct	tggtg	ctggc	tgtct
cgcag	aggag	cgttc	gtggc	tgctg	gtttg
tctta	acacg	agggc	agggc	gagcg	tccct
gtget	gtgtg	tgctc	caggg	cagct	cctgt
aggat	ctttc	gctgc	acagag	gagct	tttgt
gaagc	tatcc	acgtc	acccc	tttct	gagca
gtctt	ggatt	aaaaa	aaata	agact	tc

03309920 031601

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8B-1

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      10      20      30      40      50      60
ggcgggtccctgagctggaagccggagagcaagccctggaggttcactctttcaagaagt

      70      80      90     100     110     120
cgtgtgctgaggtgtaatgctacacaagtcagaggaaggaagggtcctgaaacacatggc

      130     140     150     160     170     180
ctgattgttggcaaaggcatcataagaagctggcatttatttctgttctaactattact

      190     200     210     220     230     240
gtataactgtgaatagacactatgcatatttgttggtcagcaaaaccaagaaacaagagc

      250     260     270     280     290     300
tatggcatttgaaaaagtctgtctgattccagggtgttttctctgggtttcatcatcagg

      310     320     330     340     350     360
tacctcctccctttcatctcagcaagaatgtggcaccttttatcgtttgataaagattaa

      370     380     390     400     410     420
ggacatgttcttttggtcaacagccagaacttaaaatctgctggaatagggtcagagacca

      430     440     450     460     470     480
tttcagctgcagctgaggaaaatgaaatgttcattttatttggtgccttgtctggggagc

      490     500     510     520     530     540
acactaactcttctggaaacgtgtcagtgaaacagagatcgtttgtggaatagcaaccc

      550     560     570     580     590     600
atggttatggcgagtgacccgacgtgatctggggggcaggctgcagaggactcatgacag
                                     M T G

      610     620     630     640     650     660
gctataccatgctgcggaatgggggcgcggggaacggaggtcagacctgcatgctgcgct
      Y T M L R N G G A G N G G Q T C M L R W

      670     680     690     700     710     720
ggccaaccgcatccgcctcacgtgggtcagcttcacgctctttgtcatcctggtcttct
      S N R I R L T W L S F T L F V I L V F F

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8B-2

730 740 750 760 770 780
tccccgtcatcgccccactattacctcaccactctggatgaggctgatgaggcaggcaagc
P L I A H Y Y L T T L D E A D E A G K R

790 800 810 820 830 840
ggatttttgggtccccgggtggggaacgagctgtgctgaggtgaagcacgtgctggatctgt
I F G P R V G N E L C E V K H V L D L C

850 860 870 880 890 900
gccgcatccgggagtcggtgagtgaaagagctcctgcagctggaggccaagcgccaagagc
R I R E S V S E E L L Q L E A K R Q E L

910 920 930 940 950 960
tgaacagcgagatcgccaagctgaatctgaagatcgaagcctgtaagaagagcattgaga
N S E I A K L N L K I E A C K K S I E N

970 980 990 1000 1010 1020
acgccaagcaggacctgctccagctcaagaatgtcatcagccagaccgagcattcctaca
A K Q D L L Q L K N V I S Q T E H S Y K

1030 1040 1050 1060 1070 1080
aggagctcatggcccagaaccagcccaagctgtccctgcccacccgactgctcccagaga
E L M A Q N Q P K L S L P I R L L P E K

1090 1100 1110 1120 1130 1140
aggacgatgccggcctccctccccgaaggccactcggggctgccgggtacacaaactgct
D D A G L P P P K A T R G C R L H N C F

1150 1160 1170 1180 1190 1200
ttgattattctcgttgccctctcacctctggcttcccgggtctacgtctatgacagtgacc
D Y S R C P L T S G F P V Y V Y D S D Q

1210 1220 1230 1240 1250 1260
agtttgcctttggcagctacctggatcccttggtcaagcaggcttttcaggcgacagcac
F V F G S Y L D P L V K Q A F Q A T A R

1270 1280 1290 1300 1310 1320
gagctaacgtttatgttacagaaaatgcagacatcgccctgcctttacgtgatactagtgg
A N V Y V T E N A D I A C L Y V I L V G

1330 1340 1350 1360 1370 1380
gagagatgcaggagcccgtgggtgctgcgccctgctgagctggagaagcagttgtattccc
E M Q E P V V L R P A E L E K Q L Y S L

1390 1400 1410 1420 1430 1440
tgccacactggcgggacggatggacacaaccatgtcatcatcaatctgtcacgtaagtcag
P H W R T D G H N H V I I N L S R K S D

1450 1460 1470 1480 1490 1500
atacacagaaccttctctataacgtcagtaactggccgtgccatgggtggcccagtcacct
T Q N L L Y N V S T G R A M V A Q S T F

FOOTED " 02660360

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAWN BY	TSMAN	

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FIG. 8B-3

1510 1520 1530 1540 1550 1560
tctacactgtccagttacagacctggtcttgacttggtcgtatcacccgtggccatgcca
Y T V Q Y R P G F D L V V S P L V H A M

1570 1580 1590 1600 1610 1620
tgtctgagcccaacttcatggaaatcccaccacaggtgccggtgaagcggaaatatctct
S E P N F M E I P P Q V P V K R K Y L F

1630 1640 1650 1660 1670 1680
tcaccttccaggggcgagaagattgagttctctgaggtctagccttcaggaggcccgctcct
T F Q G E K I E S L R S S L Q E A R S F

1690 1700 1710 1720 1730 1740
tcgaagaggaaatggaggggcgaccttcccggcactacgatgaccggatcattgccaccc
E E E M E G D P P A D Y D D R I I A T L

1750 1760 1770 1780 1790 1800
tgaaggcgggtgcaggacagcaagctggatcaggtcctggtggaattcacctgcaaaaacc
K A V Q D S K L D Q V L V E F T C K N Q

1810 1820 1830 1840 1850 1860
agcccaaaccagcctgcccagctgagtgggcactgtgtggagagcggggaggaccgcttgg
P K P S L P T E W A L C G E R E D R L E

1870 1880 1890 1900 1910 1920
aattgctgaagctctccaccttcgcccctcatcattacccccggggaccctcgcttggtta
L L K L S T F A L I I T P G D P R L V I

1930 1940 1950 1960 1970 1980
tttctctgggtgtgcaacacgggtcttctcgaagccctggaagtcggtgccgtcccgggtgg
S S G C A T R L F E A L E V G A V P V V

1990 2000 2010 2020 2030 2040
tgctgggggagcaggtccagcttccctaccaggacatgctgcagtggaacgaggcggccc
L G E Q V Q L P Y Q D M L Q W N E A A L

2050 2060 2070 2080 2090 2100
tggtgggtgccaaagcctcgtgttacccgaggttcatttctctgctcagaagcctctccgata
V V P K P R V T E V H F L L R S L S D S

2110 2120 2130 2140 2150 2160
gtgacctcctggctatgaggcggcaaggccgctttctctgggagacttacttctccactg
D L L A M R R Q G R F L W E T Y F S T A

2170 2180 2190 2200 2210 2220
ctgacagtatttttaataaccgtgctggctatgattaggactcgcacccagatcccagccg
D S I F N T V L A M I R T R I Q I P A A

2230 2240 2250 2260 2270 2280
ctcccatccgggaagaggcggcagctgagatccccaccgttcaggcaaggcggctggaa
P I R E E A A A E I P H R S G K A A G T

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8B-4

2290 2300 2310 2320 2330 2340
ctgaccccaacatggctgacaacggggacctggacctggggccagtggagacggagccgc
D P N M A D N G D L D L G P V E T E P P

2350 2360 2370 2380 2390 2400
cctacgcctcaccagatacctccgcaatttcactctgactgtcactgactttaccgca
Y A S P R Y L R N F T L T V T D F Y R S

2410 2420 2430 2440 2450 2460
gctggaactgtgctccagggcctttccatcttttccccacactcccttgaccctgtgt
W N C A P G P F H L F P H T P F D P V L

2470 2480 2490 2500 2510 2520
tgccctcagaggccaaattcttgggctcagggactggctttcggcctattgggtggagg
P S E A K F L G S G T G F R P I G G G A

2530 2540 2550 2560 2570 2580
ctgggggttctggcaaggaatttcaggcagcgcttgagggaatgttccccgagagcagt
G G S G K E F Q A A L G G N V P R E Q F

2590 2600 2610 2620 2630 2640
tcacgggtggtgatgttgacttatgagcgggaggaagtgttatgaactcttttagagaggc
T V V M L T Y E R E E V L M N S L E R L

2650 2660 2670 2680 2690 2700
tgaatggcctcccttacctgaacaaggtcgtggtggtgtggaattctcccaagctgccat
N G L P Y L N K V V V V W N S P K L P S

2710 2720 2730 2740 2750 2760
cagaggaccttctgtggcctgacattggcggttcccatcatgggtgggtccgtactgagaaga
E D L L W P D I G V P I M V V R T E K N

2770 2780 2790 2800 2810 2820
acagtttgaacaaccgattcttaccctggaatgaaattgagacagaggccatcctgtcca
S L N N R F L P W N E I E T E A I L S I

2830 2840 2850 2860 2870 2880
ttgatgacgatgctcacctccgcatgacgaaatcatgtttgggttccgggtgtggagag
D D D A H L R H D E I M F G F R V W R E

2890 2900 2910 2920 2930 2940
aagctcgggaccgcatcgtgggcttccctggccgttaccacgcatgggacatcccccatc
A R D R I V G F P G R Y H A W D I P H Q

2950 2960 2970 2980 2990 3000
agtccctggctctacaactccaactactcctgtgagctgtccatgggtgctgacaggtgctg
S W L Y N S N Y S C E L S M V L T G A A

3010 3020 3030 3040 3050 3060
ccttctttcacaagtattatgcctacctgtattcttatgtgatgccccaggccatccggg
F F H K Y Y A Y L Y S Y V M P Q A I R D

FILED "02660360"

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8B-5

3070 3080 3090 3100 3110 3120
 acatggtggatgaatacatcaactgtgaggacattgccatgaacttccttgtctccaca
 M V D E Y I N C E D I A M N F L V S H I

3130 3140 3150 3160 3170 3180
 tcactcggaagcccccatcaagggtgacctcacgggtggacattccgatgcccaggatgcc
 T R K P P I K V T S R W T F R C P G C P

3190 3200 3210 3220 3230 3240
 ctcaggccctgtctcatgatgactcccacttcacgagcggcacaagtgcacaaacttct
 Q A L S H D D S H F H E R H K C I N F F

3250 3260 3270 3280 3290 3300
 tcgtgaagggtgtacgggtacatgcccctcctgtacacgcagttcaggggtggattctgtgc
 V K V Y G Y M P L L Y T Q F R V D S V L

3310 3320 3330 3340 3350 3360
 tcttcaagacacgcctgccccatgacaagaccaagtgttcaagttcatctaggggcagc
 F K T R L P H D K T K C F K F I *

3370 3380 3390 3400 3410 3420
 gcacgggtctggggaagaggatgagcagagggaggaagatggctcccaagggttcctaggca

3430 3440 3450 3460 3470 3480
 ttgcaggaccttgggcacatctgctgggtgggtggcccagagcctctgctggaaggggcag

3490 3500 3510 3520 3530 3540
 caggaggagtggaaaggaaaccgctgcctttatcttgaagtcagccacactgggcctggag

3550 3560 3570 3580 3590 3600
 ccctgggdcggagtccccgggggttccccacacagggcactgactgatagcttacactgagg

3610 3620 3630 3640 3650 3660
 actgtggcgactctgcagagtcactcacaccgttcgtacgcccaggacagctgggttcgtg

3670 3680 3690 3700 3710 3720
 gtttttacattcaataacaactattatgattatttaaaaagagaaagtttcagatttgcc

3730 3740 3750 3760 3770 3780
 attcaaggcttatttatatatatgtgtgtgtatataaatacatgcacacacttgcataca

3790 3800 3810 3820 3830 3840
 tatatatattttggctgggggagtggtgagttttgcctttctaagggaggggaccgcgcaggc

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 8B-8

5410 5420 5430 5440 5450 5460
tgtggtgggaccccccttagcgggactcagtgaagctggggccgtctgtgtggtggagcca

5470 5480 5490 5500 5510 5520
gggcctctcccttagtgaggagccaggttgctcgggccccgaatgtcactggtggatctaag

5530 5540 5550 5560 5570 5580
aagggtctgagtggctctgacacaaaaacatgccgcagggagggctgtggtgccggtgcttc

5590 5600 5610 5620 5630 5640
caacaaggacagccctccttgaccctgaaaggaacactggcttgaaggactgcagacagg

5650 5660 5670 5680 5690 5700
ctctgagggggcacgcccctcctcagcgagaggcagcaaggtggccacagtgtcactggtca

5710 5720 5730 5740 5750 5760
ggtgcttctcaccacgggaaagccgacactgtgactcgcttgagatgggaaagcggcg

5770 5780 5790 5800 5810 5820
ccacagacccccgggtctccttggtgtgtgtggggccgcccctggccaccttgctcctgggt

5830 5840 5850 5860 5870 5880
cgcaggggtgcaggagcgctcgttctctggtggccggcttgctgctccggtttgggctg

5890 5900 5910 5920 5930 5940
tcttaccataaacaccgtcccagggctctgcaggccactgtgagcgctgggtccctgggca

5950 5960 5970 5980 5990 6000
gtgctcctccgtgtggactgtgcctcaggccagggctcaccagctggggctcctgtccgga

6010 6020 6030 6040 6050 6060
aggatgggatctttctgggagctgcgcccggacagagtggggagctcctagtttctggggg

6070 6080 6090 6100 6110 6120
gaagctttgatatccatgccacgtccatccacccccaccccttttcgtcacgagcacaatg

6130 6140 6150 6160 6170
gtcttacattggatttttctaataaaaaataaaataaatggagactttaactc

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FIG. 9A

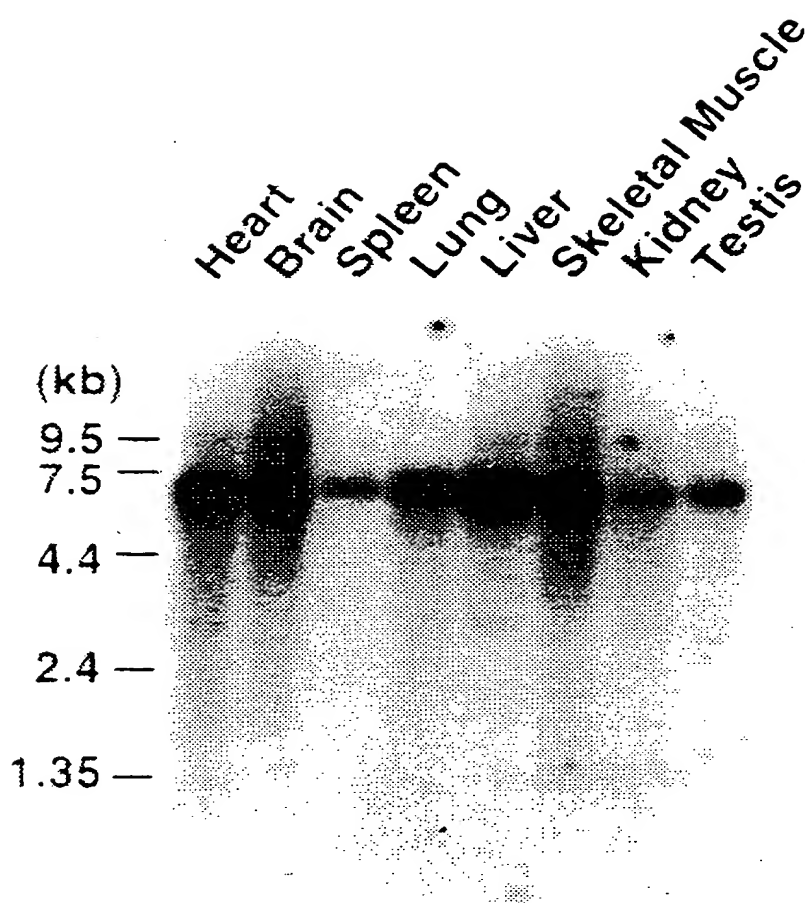
Murine TREX	1	MTGYTMLRNGGVGNGGQTCMLRWSNRIRLTWLSFTLFHLLVFFPLIAHYLTTLDEADEA
Human TREX	1	MTGYTMLRNGGAGNGGQTCMLRWSNRIRLTWLSFTLFHLLVFFPLIAHYLTTLDEADEA
Murine TREX	61	GKRIFGPRAGSELCEVKHVLDLCRIRESVSEELLQLEAKROELNSEHAKLNLKDEACKKS
Human TREX	61	GKRIFGPRVGNELCEVKHVLDLCRIRESVSEELLQLEAKROELNSEHAKLNLKDEACKKS
Murine TREX	121	HENAKODLLQLKNVISQTEHSYKELMAQNQPKLSLPIRLLPEKDDAGLPPPMVTRGCR LH
Human TREX	121	HENAKODLLQLKNVISQTEHSYKELMAQNQPKLSLPIRLLPEKDDAGLPPPMATRGCR LH
Murine TREX	181	NCFDYSRCPLTSGFPVYVYDSQDQAFSGSYLDPLVKQAFQATVRANVYVTENAAIACLYVV
Human TREX	181	NCFDYSRCPLTSGFPVYVYDSQDQMFSGSYLDPLVKQAFQATVRANVYVTENADIACLYVI
Murine TREX	241	LVGEMQEPNVLRLPADLEKOLFSLPHWRTDGHNHVIINLSRKSDTONLLYNVSTGRH-VAQ
Human TREX	241	LVGEMQEPNVLRLPAELEKOLMSLPHWRTDGHNHVIINLSRKSDTONLLYNVSTGRAMVAQ
Murine TREX	300	STLYAAQYRAGFDLVVSPLVHAMSEPNFMEIPPOVPVKRKYLFQGEKIESLRSSLQEA
Human TREX	301	STFYIVDYRPGFDLVVSPLVHAMSEPNFMEIPPOVPVKRKYLFQGEKIESLRSSLQEA
Murine TREX	360	RSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCKNQPKPSLPTEWALCGERED
Human TREX	361	RSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCKNQPKPSLPTEWALCGERED
Murine TREX	420	RLELLKLSTFALIITPGDPRLLISSGCATRLFEALEVGAVPVVLGEQVQLPYHDMLOWNE
Human TREX	421	RLELLKLSTFALIITPGDPRLVISSGCATRLFEALEVGAVPVVLGEQVQLPYQDMLOWNE
Murine TREX	480	AALVVPKPRVTEVHFLRLSLSDSDLLAMRRQGRFLWETYFTADSI FNTVLAMIRTRIOI
Human TREX	481	AALVVPKPRVTEVHFLRLSLSDSDLLAMRRQGRFLWETYFTADSI FNTVLAMIRTRIOI
Murine TREX	540	PAAPIREEMAAEI PHRSGKAAGTDPNMADNGDLDLGPVETEPPIYASPKYLRNFTLTVTDC
Human TREX	541	PAAPIREEMAAEI PHRSGKAAGTDPNMADNGDLDLGPVETEPPIYASPKYLRNFTLTVTDF
Murine TREX	600	YRGWNSAPGPFHLPHTPFDVPLPSEAKFLGSGTGFRPIGGGAGGSGKEFQAALGGNVQR
Human TREX	601	YRSWNCAPGPFHLPHTPFDVPLPSEAKFLGSGTGFRPIGGGAGGSGKEFQAALGGNVPR
Murine TREX	660	EOFTVVMLTYEREEVLMNSLERLNLGPLYNKVVVVWNSPKLPSEDLLWPDIGVPIINVVRT
Human TREX	661	EOFTVVMLTYEREEVLMNSLERLNLGPLYNKVVVVWNSPKLPSEDLLWPDIGVPIINVVRT
Murine TREX	720	EKNSLNNRFLPWNEIETAILSIDDDAHLRHDEIMFGFWVWREARDRIVGFPGRYHAWDI
Human TREX	721	EKNSLNNRFLPWNEIETAILSIDDDAHLRHDEIMFGFRVWREARDRIVGFPGRYHAWDI
Murine TREX	780	PHQSWLYNSNYSCELSMVLGTGAFFHKYYAYLYSYVMPQAIRDMVDEYINCEDIAMNPLV
Human TREX	781	PHQSWLYNSNYSCELSMVLGTGAFFHKYYAYLYSYVMPQAIRDMVDEYINCEDIAMNPLV
Murine TREX	840	SHITRKPPIKVTSRWTFRCPGCPQALSHDDSHFHERHKCINFFVKVYGYMPLLYTQFRVD
Human TREX	841	SHITRKPPIKVTSRWTFRCPGCPQALSHDDSHFHERHKCINFFVKVYGYMPLLYTQFRVD
Murine TREX	900	SVLFPKTRLPHDKTKCFKFI
Human TREX	901	SVLFPKTRLPHDKTKCFKFI

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FIG. 9B



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FIG. 10A

empty	+	+	-	-	+	+	+	+
EXTL3	-	-	+	+	-	-	-	-
TNF- α	-	+	-	+	+	+	+	+
competitor	-	-	-	-	+	-	-	-
control Ab	-	-	-	-	-	+	-	-
anti p50 Ab	-	-	-	-	-	-	+	-
anti p65 Ab	-	-	-	-	-	-	-	+



FIG. 10B

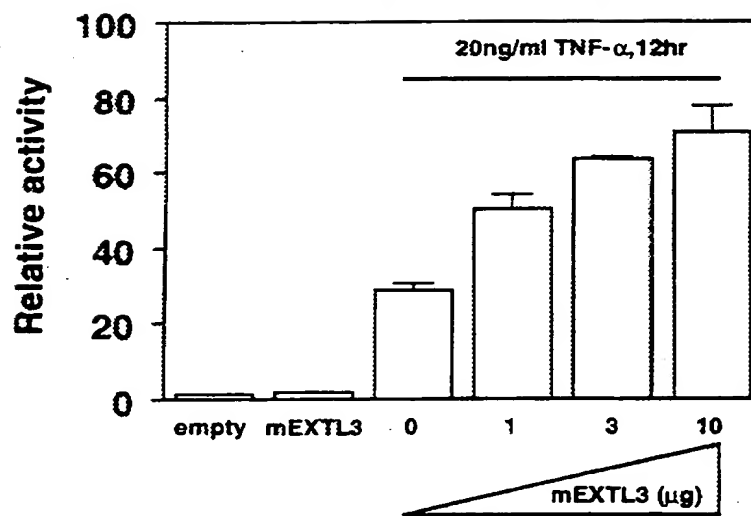
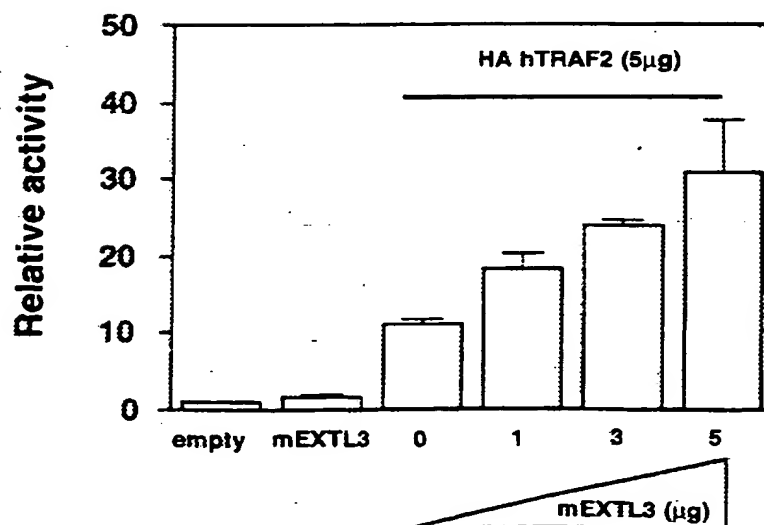


FIG. 10C



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FIG. 11A

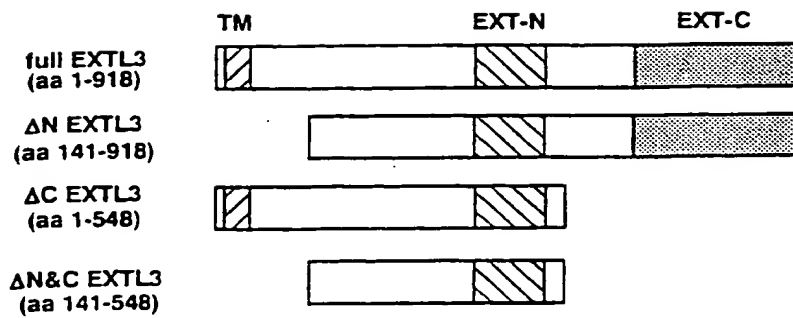


FIG. 11B

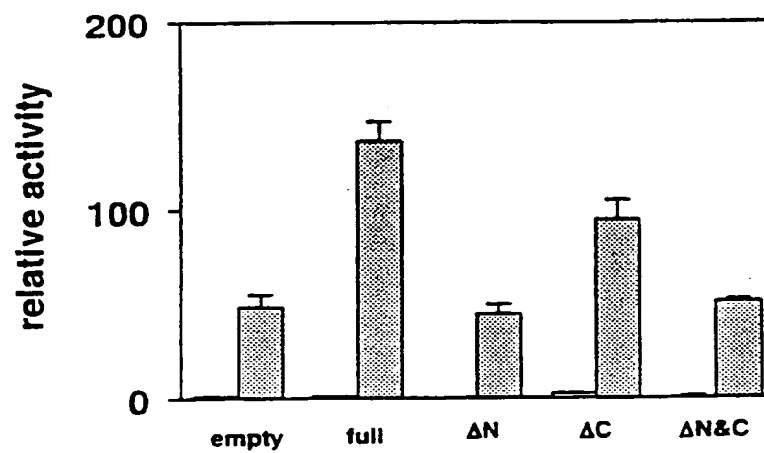
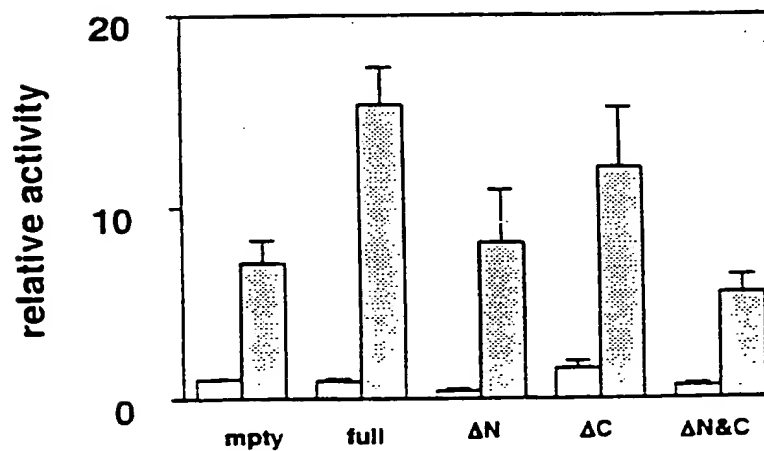


FIG. 11C



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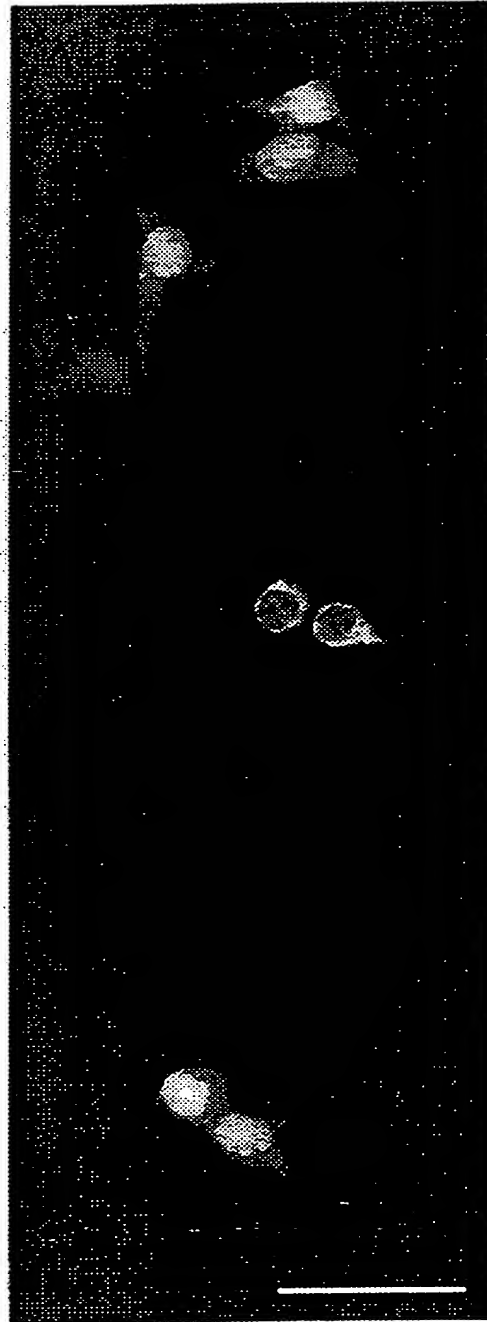
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FIG. 11D-a

FIG. 11D-b

FIG. 11D-c



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FIG. 12A

FIG. 12E

FIG. 12B

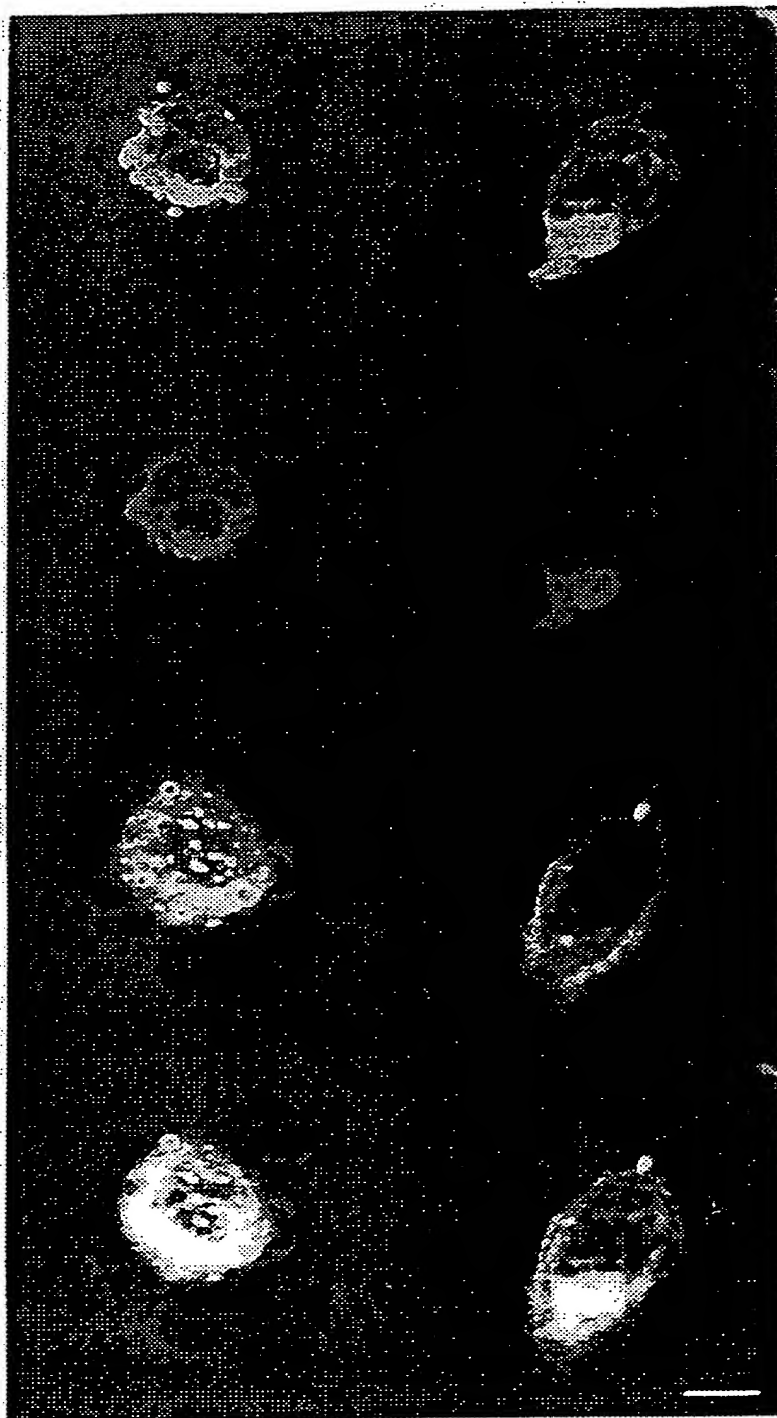
FIG. 12F

FIG. 12C

FIG. 12G

FIG. 12D

FIG. 12H



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